

CLAIMS

1. An EL element comprising a first film substrate, an EL part, and a sealant layer,

said EL part comprising a first electrode, an EL layer, and a second electrode and being provided on a part of a surface of the first film substrate,

said sealant layer being provided to cover said EL part and to cover the EL part-free part of the surface of the first film substrate in such a manner that the sealant layer covering the EL part is contiguous with the sealant layer covering the EL part-free part of the surface of the first film substrate.

2. The EL element according to claim 1, wherein a barrier layer having gas barrier properties and/or water vapor barrier properties is provided between the first film substrate and the EL part.

3. The EL element according to claim 1, wherein the thickness of the first film substrate is 50 to 300 μm and the thickness of the whole EL element is 100 to 700 μm .

4. The EL element according to claim 1, wherein any one of the first film substrate and the first electrode is transparent.

5. The EL element according to claim 1, which further comprises an insulating layer pattern between the first electrode and the EL layer or between the EL layer and the second electrode.

6. An EL element comprising a first film substrate, an EL part, a sealant layer, and a second film substrate,

said EL part comprising a first electrode, an EL layer, and a second electrode and being provided on a part of a surface of the first film substrate,

said sealant layer being provided to cover said EL part and to cover the EL part-free part of the surface of the first film substrate in such a manner that the sealant layer covering the EL part is contiguous

with the sealant layer covering the EL part-free part of the surface of the first film substrate,

a second film substrate being provided on the sealant layer.

7. The EL element according to claim 6, wherein a barrier layer having gas barrier properties and/or water vapor barrier properties is provided on any one of or both a surface of the first film substrate and a surface of the second film substrate which face each other.

8. The EL element according to claim 6, wherein the thickness of the first film substrate and the thickness of the second film substrate each are 50 to 300 μm and the thickness of the whole EL element is 100 to 700 μm .

9. The EL element according to claim 6, wherein any one of the first film substrate and the first electrode or any one of the second electrode and the second film substrate is transparent.

10. The EL element according to claim 6, which further comprises an insulating layer pattern between the first electrode and the EL layer or between the EL layer and the second electrode.

11. The EL element according to any one of claims 1 to 10, wherein the whole EL element is transparent.

12. A display using an EL element,

said EL element comprising a first film substrate, an EL part, and a sealant layer,

said EL part comprising a first electrode, an EL layer, and a second electrode and being provided on a part of a surface of the first film substrate,

said sealant layer being provided to cover said EL part and to cover the EL part-free part of the surface of the first film substrate in such a manner that the sealant layer covering the EL part is contiguous with the sealant layer covering the EL part-free part of the surface of the first film substrate,

said EL element being located on such a side that, upon energization of any one of or both the first film substrate side and the sealant layer side, fluorescent emission is viewable, a light transparent pattern layer being formed on the fluorescent emission-viewable side.

13. The display according to claim 12, wherein said light transparent pattern layer comprises openings using a light shielding sheet as a substrate.

14. The display according to claim 12, wherein said light transparent pattern layer is a design layer formed by printing.

15. The display according to claim 12, wherein said design layer is formed of a transparent film substrate different from the film substrate constituting the EL element.

16. The display according to claim 12, wherein said EL element is one according to any one of claims 2 to 5.

17. A display using an EL element,
said EL element comprising a first film substrate, an EL part, a sealant layer, and a second film substrate,

said EL part comprising a first electrode, an EL layer, and a second electrode and being provided on a part of a surface of the first film substrate,

said sealant layer being provided to cover said EL part and to cover the EL part-free part of the surface of the first film substrate in such a manner that the sealant layer covering the EL part is contiguous with the sealant layer covering the EL part-free part of the surface of the first film substrate,

a second film substrate being provided on said sealant layer,

said EL element being located on such a side that, upon energization of any one of or both the first film substrate side and the second film substrate side, fluorescent emission is viewable, a light transparent pattern layer being formed on the fluorescent emission-viewable side.

18. The display according to claim 17, wherein said light transparent pattern layer comprises openings using a light shielding sheet as a substrate.

19. The display according to claim 17, wherein said light transparent pattern layer is a design layer formed by printing.

20. The display according to claim 17, wherein said design layer is formed of a transparent film substrate different from the film substrate constituting the EL element.

21. The display according to claim 17, wherein said EL element is one according to any one of claims 7 to 10.